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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/688,494	10/17/2003	Michael Stuart Shane	ORCL5863/OID-2003-070-01	2193
53156 7590 11/26/2007 YOUNG LAW FIRM, P.C. 4370 ALPINE RD. STE. 106 PORTOLA VALLEY, CA 94028			EXAMINER PUENTE, EMERSON C	
			ART UNIT 2113	PAPER NUMBER
			MAIL DATE 11/26/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/688,494

Applicant(s)

SHANE, MICHAEL STUART

Examiner

Emerson C. Puente

Art Unit

2113

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 10/17/03, 3/26/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claims 1-36 have been examined.

This action is made Non-Final.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-36 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1,12,23 and 34-36 recites the limitation "the generated error message" (see second to last line of claims). There is insufficient antecedent basis for this limitation in the claim. Examiner is uncertain whether or not the limitation is in reference to the "generated message". If so, examiner suggests amending limitation to "the generated message".

Claims 13,21,24 and 32 recites the limitation "the method" (see line 3 of claims). There is insufficient antecedent basis for this limitation in the claim. Examiner is uncertain whether or not the limitation is in reference to the steps.

Claims 24 and 28-33 further recites the limitation "step(s)", which is inconsistent with base claim 23, which discloses "logic". Examiner suggests amending claims to cite "logic" not "step(s)".

The remaining claims, not specifically mentioned, are rejected for being dependent upon one the claims mentioned above.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7, 9-18, 20-29, and 31-36 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent No. 6,002,871 of Duggan et al. referred hereinafter “Duggan”.

Regarding claims 1, 12 and 23, Duggan discloses a method for a computer, a machine-readable medium having data stored thereon representing sequences of instructions executed by computing device, and a computer system suitable for automatically testing a website or a web application (see column 5 lines 10-17), comprising a database for storing a plurality of database objects, at least one processor, and at least one data storage device, and a plurality of processes spawned by said at least one processor (see column 5 lines 20-37), the processes including processing logic for:

opening a page within the website or web application (see column 5 lines 10-16).

examining a code that generated the opened page, detecting a user input field in the examined code and categorizing the detected input field according to a type of the input field.

Duggan discloses recognizing a web application requires username/password (see column 7 lines 40-45), indicating detecting a user input field in the examined code and categorizing the detected input field according to a type of the input field.

consulting a knowledge base of standard inputs, the knowledge base of standard inputs storing a plurality of standard inputs that are categorized according to one of a plurality of input

field types. Duggan discloses a user list of names and passwords representing usernames and passwords to gain access to the application (see column 6 lines 35-40).

selecting a standard input from the knowledge base of standard inputs, the selected standard input being chosen from among the plurality of standard inputs of the selected input field type and applying the selected standard input to the detected input field (see column 7 lines 40-46 and column 15 lines 25-27).

checking a page generated by the website or the web application for a generated message as a result of applying the selected standard input to the detected input field. Duggan discloses locating certain text in the body of a response from an application program under test (see column 20 lines 32-33).

when the website or web application generates a message in response to the applied standard input, consulting a knowledge base of standard errors, the knowledge base of standard errors storing a plurality of standard errors and matching the generated message to one of the plurality of stored standard errors or assigning a likelihood that the generated message is an error message when the generated message does not match one of the plurality of stored standard errors in the knowledge base of standard errors. Duggan discloses comparing a variable in response to an execution segment to an expected error code (see column 20 lines 50-55).

generating a log entry, the log entry including at least one of an identification and a path of the generated page, the applied standard input, the generated message and a flag indicating that the generated error message is an error message or is believed to be a potential error message (see column 8 lines 30-45).

Regarding claims 2, 13 and 24, Duggan discloses the claim limitation as discussed above. Duggan further discloses initiating a testing session by logging in the website or web application, and returning to the examining step to complete successive iterations of the method until an end of the testing session is reached. Duggan discloses a test run can have a duration specified in terms of completed session or defined with a start and stop time (see column 6 lines 50-55).

Regarding claims 3, 14 and 25, Duggan discloses the claim limitation as discussed above. Duggan further discloses wherein the code includes at least one of HTML, XML, JavaScript and Java Applets (see column 11 lines 58-61).

Regarding claims 4, 15 and 26, Duggan discloses the claim limitation as discussed above. Duggan further discloses wherein the end of the testing session is reached when a predetermined condition evaluates true (see column 6 lines 50-55).

Regarding claims 5, 16 and 27, Duggan discloses the claim limitation as discussed above. Duggan further discloses wherein the predetermined condition includes at least one of a first selectable number of input fields have been tried, a second selectable number of pages of the website or web application have been opened, after the website or web application has been tested for a third selectable number of minutes, after all pages of the website or web application under a main page of the predetermined URL have been tested, and a user-defined condition has been satisfied or a user-definable event has occurred. Duggan discloses a test run can have a duration specified in terms of completed session or defined with a start and stop time (see column 6 lines 50-55).

Regarding claims 6, 17 and 28, Duggan disclose the claim limitation as discussed above. However, Duggan further discloses at least one of adding a new standard input, updating an

existing standard input and removing an existing standard to/from the knowledge base of standard inputs. Duggan discloses a user list of names and passwords (see column 6 lines 35-40), which must necessarily be added to the knowledge base at some point, either initially or thereafter.

Regarding claims 7, 18 and 29, Duggan discloses the claim limitation as discussed above. Duggan further discloses at least one of adding a new standard error, updating an existing standard error and removing an existing standard error to/from the knowledge base of standard errors. Duggan discloses error codes (see column 20 lines 35-40), which must necessarily be added to the knowledge base at some point, either initially or thereafter.

Regarding claims 9, 20 and 31, Duggan discloses the claim limitation as discussed above. Duggan further discloses wherein the returning step causes the opening step to return to and open a same page within the website or web application. Duggan discloses being able to execute a command with a plurality of different user entries, implying opening a same page with a different input (see column 6 lines 50-54).

Regarding claims 10, 21 and 32, Duggan discloses the claim limitation as discussed above. Duggan further discloses wherein the applying step applies a different standard input of the selected input field type from the knowledge base of standard inputs in each successive iteration of the method. Duggan discloses being able to execute a command with a plurality of different user entries, implying opening a same page with a different input (see column 6 lines 50-54).

Regarding claims 11, 22 and 33, Duggan discloses the claim limitation as discussed above. Duggan further discloses wherein the returning step causes the opening step to return to

and open a different page within the website or web application. Duggan discloses presenting different web pages with different commands (see column 12 lines 50-55).

Regarding claims 34, 35 and 36, Duggan discloses a method for a computer, a machine-readable medium having data stored thereon representing sequences of instructions executed by computing device, and a computer system suitable for automatically testing a website or a web application(see column 5 lines 10-17), comprising a database for storing a plurality of database objects, at least one processor, at least one data storage device, and a plurality of processes spawned by said at least one processor(see column 5 lines 20-37), the processes including processing logic for:

opening a page within the website or web application (see column 5 lines 10-16).

detecting a user input field in the opened page. Duggan discloses recognizing a web application requires username/password (see column 7 lines 40-45), indicating detecting a user input field in the examined code.

selecting a standard input from a knowledge base of standard inputs that stores a plurality of standard inputs, and applying the selected standard input to the detected input field (see column 7 lines 40-46 and column 15 lines 25-27).

checking a page generated by the website or the web application for a generated message as a result of applying the selected standard input to the detected user input field. Duggan discloses locating certain text in the body of a response from an application program under test (see column 20 lines 32-33).

attempting to match the generated message with one of a plurality of standard errors stored in a knowledge base of standard errors, and when a matching message is generated as a result of applying the selected standard input to the detected user input field or when the generated message is determined to have a high likelihood of being an error message. Duggan discloses comparing a variable in response to an execution segment to an expected error code (see column 20 lines 50-55).

generating a log entry, the log entry including at least one of an identification and a path of the generated page, the applied standard input, the generated message and a flag indicating that the generated error message is an error message or is believed to be a potential error message (see column 8 lines 30-45).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 8, 19, and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Duggan.

Regarding claims 8, 19 and 30, Duggan discloses the claim limitation as discussed above. However, Duggan fails to explicitly disclose wherein the knowledge base of standard inputs and the knowledge base of standard errors are stored in a same database.

Official Notice is taken for the concept of storing two different type of data in the same database. It would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the knowledge base of standard inputs and the knowledge base of standard errors are stored in the same database. A person of ordinary skill in the art at the time of the invention could have been motivated because Duggan is concerning with storing two different types of data, standard inputs (see column 6 lines 35-40) and standard errors (see column 20 lines 50-55), and a database is known to store different type of data and further provides easy access to the data.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

See PTO 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emerson C. Puente whose telephone number is (571) 272-3652. The examiner can normally be reached on 8-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert W. Beausoliel can be reached on (571) 272-3645. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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A handwritten signature in black ink that reads "Emerson Puente". The signature is written in a cursive style with a large, stylized 'E' and a long horizontal stroke at the end.

Emerson Puente
Examiner
AU 2113